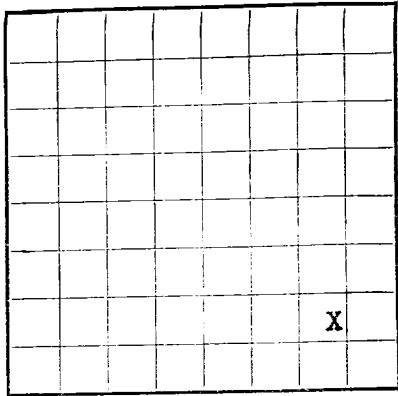
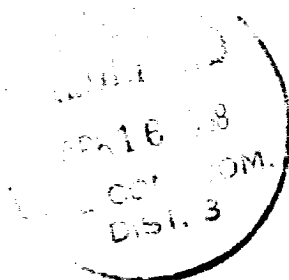




LOCATE WELL CORRECTLY



U. S. LAND OFFICE New Mexico
SERIAL NUMBER 019399
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Attn: **E. S. Oberly**

Company San Juan Gas Corporation Address Box 997, Farmington, New Mexico
Lessor or Tract Federal Field Cavalin State New Mexico
Well No. 23B Sec. 23 T. 24N R. 2W Meridian N.M.P.M. County Rio Arriba
Location 1130 ft. N. of S Line and 1175 ft. W. of E Line of Section 23 Elevation 7330
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Lloyd Rhea

Date April 14, 1958 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 1-8, 1958 Finished drilling 1-13, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3215 to 3280 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	32	8		70			3218	3219	Squeezed
5 1/2	14	8	CFI	3309	Howso Guide		3227	3252	Production
2"	4.75	8		3230			3265	3275	Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	80	50	Circulated		
5 1/2	3319	150	2 Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
See Well History						

TOOLS USED

Rotary tools were used from 0 feet to 3319 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cleaned out to 3285' and completed with Rotary DATES

January 21, 1958 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 845,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 859 A.O.F. 914 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2850	2850	Tan to gry cr-grn ss interbedded w/gry sh.
2850	2932	82	Bjo Alamo ss. White cr-grn s.
2932	3105	173	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3105	3215	110	Fruitland form. Gry carb sh, scatterdd coals, coals and gry, tight, fine-grn ss.
3215	3280	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3280	3319	39	Lewis formation. Gry to white cense sh w/silty to shaly ss breaks.



Total depth 3319', clean out depth 3285'. Perforated Picured CILITS intervals 327-3252 and 3265-3275. Fractured perforations with 63,000 gal. water, 60,000# sand. Breakdown pressure 1200#, treating pressure 1500#-1900#. Injection rate 69 Bbl./Min.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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